

SOUTH PRODUCTION NOTES

September 23, 2016

3-11 Shift Notes

BASF EMPLOYEES

300 Last Recordable

366 Last Lost time

Title V Notes:

CTO –Ammonia flow is off. Tote is closed up.

Trimer – Take down on afternoon shift. Brush got stuck in stage 1 flow meter. Gem is on site to repair.

Bring back online when done.

Virons – Back on.

All sumps have been reopened to WWTP.

F1 – back up and running now. Still need to evaluate why it kicked out.

F2 – Need to check each shift. Valve has been re-opened. Should remain slightly open.

Sly Scrubber – Running. pH probe to be calibrated when we are down.

Work To Be Done in the Department:

- **A Floor CRT to check building 9 sump each shift.**

- Need to get the Cu 1230 repacked (waiting on Scrubber modifications). Need to rinse off drum dumper in preparation for the repack.

- Need to transfer 1780 to the 3rd floor.

- Need Chromic acid system in Bldg 9 unlocked for PSSR on Monday.

#1 MED / D 1780:

Need to have engineer walk down and check cleaning. Dryer spiral has a crack in the base, still down for work.

Locked out the diverter valve to the calciner hopper.

#1 RC / D-0768 SSD:

Diverted to the F1 due to trimer issues. Need to feed when trimer is back working.

Need labels from bags on the truck switched out due to the lot # being messed up.

Feed in lot and bag order.

#2 MED line / Styrene is next:

New auger, barrel, and plows are in. Start making batches on afternoon shift.

When we restart we need to lock out the diverter valve so that we don't send any material to the hopper.

When we start back up the new plows in the mixer may cause the amps to be slightly higher. We will need to keep an eye on the discharge amps. We may

need to raise the SP. If mixer has been discharging for 2 min. record amps and put in as new discharge SP in recipe.

Watch oscillating belt closely.

Pump filter on vacumax was scavenged for #3 line.

We need to change the inserts every two batches.

#2 RC / S6-42:

Down until we get more feed. Holding for instruction, on if we are going to switch products.

Go ahead and unlock the diverter valve for and start feeding after we have made a few batches.

Run in batch temp mode.

#3 MED line / D-1717:

Take drums of wet mix to the 3rd floor.

Continue making batches. Having issues with the extruder.

Getting some dry material mixed in with batches. Need to check if discharge gate on mixer to pulva is leaking.

Grease the mixer EVERY shift.

#3 RC / D-1780 LAQ:

Sand is currently running through the calciner, need to continue cleanup. Need a new cloth for the syntron.

#4 RC / Ni-4322 Next:

Calciner is off now due to trimmer issues. Will need to fire back up when trimmer gets back online. Diverted to DC right now.

Keep an eye on this product and the Trimer due to high NOx.

#5 RC / Cu 0539 Next:

Down. Holding.

When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was inspected on 9-19-16 on day shift.

#6 RC & Dryer / Clean:

Walked through on days, set up for bags. Calciner/Dryer needs walked down and unlocked and started Friday afternoon.

See info sheet at CRT desks for modifications to the calciner CTO/SLY scrubber valving control.

Okay to run at .15 suction per engineer. When adjusting for rate only take off time lower per Bodmann.

West Pfaudler / Hold:

Lid has been pulled. Pfaudler has been washed.

East Pfaudler / Clean:

Start making batches on afternoon shift.

Pfaudler has been loaded with material. Still need to get PM and make tank.

Keep an eye on the vacuum and temperature of the green tank on 1st floor (manually add water if it gets too hot - try and just crack the valve or we end up sending a lot of water to WWTP).

6 Tank / Ni 4322 (Nickel nitrate):

Pumped out on days. Tank is empty.

7 Tank / Ni 4322 (Nickel Nitrate):

Tank was emptied and rinsed.

National Dryer / Ni 4322:

Holding for more material.

WO in for National DC rotolock leaking oil.

Sample every bag.

Stuff coming off the national needs to be labeled with the purple labels as 2nd dip!

PK Blender / Pill mix:

We need to clean the drum dumper for the upcoming repack.

Clean out building 9 of pill mix supplies. Clean blender. Chrome scrubber is leaking above the sterotex screener - emergency WOW.

Contact Group Leader before using any water in building 9 or before unlocking sumps. They have all been locked out with Blue operational locks.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet. DO NOT USE

DP Gauge should be set at 3.5 and 4.25.

Abbe Blender:

Holding for calcined results. Waiting for email from Engineer to proceed

Need to take SPG on tank tonight and get it back into range.

Going into the weekend, we need to fill tank 5 when level gets below the agitator.

Tower 3 / DPT 101:

Tower 3 loaded and running. Should be down

Tower 6 / E474 next:

Tower has been opened and rinsed out. Cone repair is complete. We can load.

If there is any issues with Hydrogen flow or totalizer we will need to call Elliott.

He is aware of the issues and will need to diagnose while running.

Some maintenance work needs to be done.

North Screener / Zn 0313:

Started screening. Continue.

South Screener / DPT 101:

Start screening when tower comes down.

Stretch wrapper is working. Please wrap your drums as full pallets are made. See GL or Kristen for quick informational session on how to operate.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / AI 3915:

Out of feed. Cleaning as able.

#2664 (east) Pill Machine / AL 3915:

Out of feed. Cleaning as able.

TK #2 / ?:

Down.

TK #4 / Cu-2508:

Continue running.

May run out of feed this weekend due to North end not getting OT.

Harrop Kiln / AI-3920:

Kiln is down.

Building 27 Belt Filter / next:

Cleaning done. WOW to install new mounting bolts on the pump in front of tank 4.

Do not use the taller, thinner cardboard sleeves, those are for LIB.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 9 are important enough to keep running and staffed, top 6 cannot afford to have additional production interruptions.

- 1) #4 RC/Trimer/Abbe/HC-11 Tanks/National Dryer
- 2) #6 RC/East Pfaudler
- 3) #1 RC South
- 4) #1 RC North
- 5) North CUAPV (to keep #1 RC North running)
- 6) Reduction Towers/Screening
- 7) #5 RC/Trimer (Only if we decide to swap products on #2 and #4 calciners)
- 8) #3 MED/RC/CTO – Use #1 MED if #3 MED has any issues in keeping up with #3RC

- 9) #2 MED/RC
- 10) Briq/East Blender/PR2 for Cu-0537 T
- 11) Kneader (once Cu-0248 Pill Mix starts next week)
- 12) PR2 Cu-0248 T next week
- 13) Ross Mixer/#4 Tunnel Kiln
- 14) North PK/Wyssmont